ABSTRACT OF THE DISCLOSURE

A wheel assembly comprises a tire supported by an underlying wheel. The tire has inner and outer surfaces, first and second side surfaces, and first and second recesses. Cables are in the tire proximate the inner surface. The wheel has inner and outer flanges, and an outer surface. The outer surface of the wheel receives the inner surface of the tire. The outer surface of the outer flange has lesser and greater diameter portions extending from respective sides. The lesser diameter portion covers at least 60 percent of the width of the outer surface. The greater diameter portion, defines a side flange, integral with the outer flange. A second side flange is removably mounted to the outer flange. The side flanges comprise side-facing abutment surfaces which interface with side-facing surfaces on the tire. The difference between the lesser and greater diameters is greater than radial stretch capability of the tire.